

ABSTRACT

The present invention is a method for screening a remedy for breast cancer which does not require uptake into cells unlike
5 aromatase inhibitors, estrogen sulfatase inhibitors, or estrogen competitive inhibitors such as tamoxifen and toremifene, and which shows excellent drug delivery property and extremely rare adverse effect. In the method, a remedy for breast cancer which inhibits transporter function is screened by the process
10 comprising the steps of: culturing a cultured human breast cancer cell line such as MCF-7 cell line or T-47D cell line in the presence of estrone-3-sulfate and a test substance such as bromosulfophthalein; and evaluating whether the uptake of estrone-3-sulfate into cells via estrone-3-sulfate
15 transporters expressed on the cell surface is inhibited, and whether the proliferation of MCF-7 cell line is suppressed.